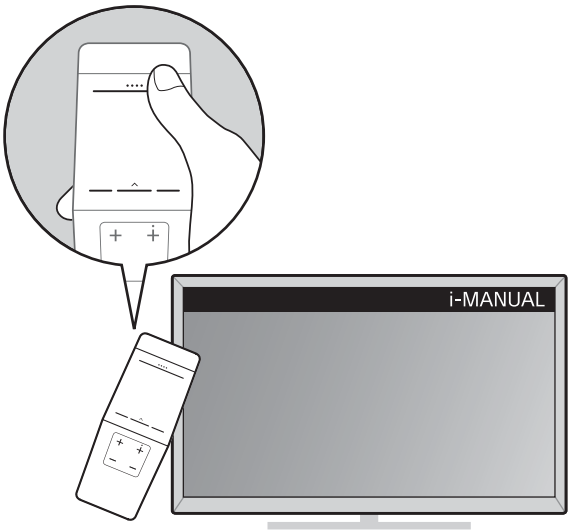
SONY

Television

Operating Instructions

(Setup Guide)



BRAVIA

Sony Customer Support
http://esupport.sony.com/ES/LA/

Please Do Not Return
the Product to the Store

XBR-79X907B / 79X905B / 65X907B / 65X905B

Owner's Record

The model and serial numbers are located at the side and rear of the TV. Record these numbers in the spaces provided below. Refer to them whenever you call upon your Sony dealer regarding this TV.

Model Name

Serial No.

ADVERTENCIA

Para reducir el riesgo de incendio o descargas eléctricas, no exponga este producto a la humedad ni a la lluvia.

This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

El producto no debe estar expuesto a goteos ni salpicaduras, ni se deben colocar sobre él objetos con líquidos como floreros.

PRECAUCIÓN

Para evitar descargas eléctricas y exposición a contactos eléctricos, no utilice este enchufe de corriente alterna con un cable de extensión, receptáculo u otro tomacorriente a menos que los contactos eléctricos puedan ser introducidos completamente.

- Operate the TV only on 110-240 V AC

Seguridad

- Algunas personas pueden experimentar molestias (como cansancio visual, fatiga o náuseas) al mirar imágenes de video 3D o al jugar con juegos 3D estereoscópicos. Sony recomienda que los usuarios descansen regularmente al mirar videos 3D o al jugar con juegos 3D estereoscópicos. La duración y la frecuencia de los descansos necesarios varían según cada persona. Usted debe decidir lo que mejor funciona en su caso. Si experimenta molestias, debe dejar de mirar imágenes de video 3D o de jugar juegos 3D estereoscópicos hasta que éstas desaparezcan. Consulte a su médico si lo considera necesario. También se recomienda leer nuevamente (i) el manual de instrucciones de cualquier otro dispositivo o medio que se utilice con el televisor y (ii) nuestro sitio web (http://esupport.sony.com/ES/LA/) para obtener la última información. La vista de los niños pequeños (en especial los menores de seis años) todavía está en desarrollo. Consulte con su médico (a un pediatra o a un oftalmólogo) antes de permitir que niños pequeños miren imágenes de video 3D o jueguen juegos 3D estereoscópicos. Los adultos deben supervisar a los niños pequeños para asegurarse de que sigan las recomendaciones anteriores.
- No use, guarde ni deje los anteojos 3D o la batería cerca del fuego o en lugares con temperaturas elevadas, por ejemplo, superficies o autos expuestos a la luz solar directa.
- Cuando utilice la función 3D simulado, tenga en cuenta que la imagen que se muestra se encuentra modificada de la imagen original debido a la conversión realizada por este televisor.
- Utilice el cable de alimentación de ca especificado por Sony y que corresponda al voltaje de la zona donde vaya a utilizarlo.
- Por razones de seguridad, el enchufe está diseñado de tal forma que sólo puede conectarse en una dirección en los tomacorrientes de pared. Si no puede introducir completamente los contactos del enchufe en el tomacorriente, póngase en contacto con su distribuidor.
- Si se introduce algún objeto sólido o cae líquido en la unidad, desenchufe el televisor inmediatamente y haga que sea revisado por personal especializado antes de volver a operarlo.
- Desconecte el televisor si no va a utilizarlo durante algunos días. Para ello, tire del enchufe, nunca del cable.
- Consulte la información sobre seguridad en Folleto de instrucciones de seguridad.

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Nº de patente de EE. UU. 5.717.422
Nº de patente de EE. UU. 6.816.141

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The 79 class has a 78.6 inch (199.6 cm) and 65 class has a 64.5 inch (163.9 cm) viewable image size (measured diagonally).

Location of the identification label

Labels for the Model No. and Power Supply rating are located on the rear of the TV.

- The “x” that appears in the model name corresponds to a numeric digit, related to design, color or TV system.
- The illustrations of the remote control used in this manual are of the RMF-YD003 (Touchpad Remote Control) and RM-YD099 (IR (infrared) Remote Control) unless otherwise stated.
- The illustrations used in this manual may differ depending on your TV model.
- Retain this manual for future reference.

La experiencia de TV BRAVIA® 4K

¡Gracias por elegir a Sony! Su nuevo TV BRAVIA® le brinda una "Experiencia de TV 4K". Este documento le ayudará a aprovechar su TV al máximo.
Registre su TV en:
http://esupport.sony.com/LA/perl/registration.pl

Los cuatro pasos para una experiencia de TV 4K

TV, fuente, sonido y configuración.

1 TV

Ahora que ya hizo la mejor elección en tecnología LCD TV con retroiluminación LED, retire todos los accesorios del empaque antes de configurar su TV.

2 Fuente

Para disfrutar los increibles detalles de su TV **BRAVIA** debe tener acceso a programación HD, la cual se puede obtener de las siguientes maneras:

- Solicitando a su proveedor servicio de alta definición (4K).
- Recibiendo emisiones de HD por aire a través de una antena para TV de alta definición (HD) conectada directamente a la parte posterior del TV.
  Visite **http://www.antennaweb.org** para recibir más información sobre la selección y configuración de antena.
- A través de los reproductores Blu-ray Disc™ de super alta resolución ó demás equipos HD de Sony.

3 Sonido

Complete la experiencia de alta definición con un sistema de sonido envolvente **BRAVIA** Sync™ o un receptor de audio/video de Sony.

4 Ajustes

Instale su TV y conecte sus fuentes. Consulte la página 12 para ver ejemplos de diagramas de conexión. Para obtener la más alta calidad de experiencia 4K, utilice los cables de HDMI (Interfaz multimedia de alta definición) de Sony.

Este TV muestra todas las señales de entrada de video en una resolución de 3 840 puntos × 2 160 líneas.

The following chart shows the high-definition (HD) and standard-definition (SD) video formats supported by your **BRAVIA** TV inputs.

	INPUT	VIDEO	AUDIO	SUPPORTED FORMATS								
				4K*1	1080/24p/30p	1080p*1	1080i	720/24p/30p	720p*1	480p/576p*2	480i/576i*2	PC*3
4K / HD	HDMI			✔	✔	✔	✔	✔	✔	✔	✔	✔
	COMPONENT	Y P_B P_R	Audio L/R			✔	✔		✔	✔	✔	
SD	VIDEO	Composite video connection	Audio L/R								✔	

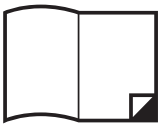
*1 For details of supported formats, refer to the "Specifications" in this manual.
*2 576i, 576p: Not available with X907B model series.
*3 For supported PC formats refer to the i-Manual.

About this manual (Operating Instructions)

This manual explains how to setup your TV. For more information on how to use your BRAVIA TV, refer to the “Electronic manual”.

Operating Instructions

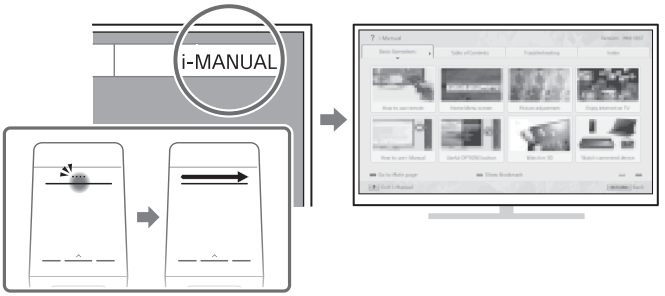
Explains how to setup your TV such as connections, initial setup, and basic operations.



For more information, see the i-Manual

Electronic manual (i-Manual)

Explains how to use all the features. See page 30 on how to use the i-Manual.



Images and illustrations used in this manual may differ from the actual screen.

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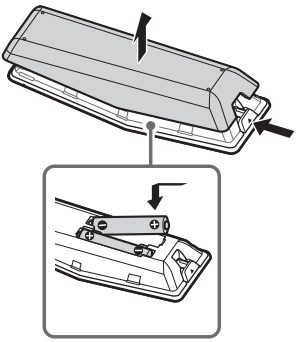
Checking the accessories

IR Remote Control (1)*
Touchpad Remote Control (1)*
Size AAA batteries (4)
Cable clamper (3)
Table-Top Stand (2)
(XBR-65X90xB only)
Fixing screws for Table-Top Stand (M5 × 16) (4)
(XBR-65X90xB only)
Wall-Mount Attachment (M6) (long) (2)
Wall-Mount Attachment (M5) (short) (2)
Active 3D Glasses (battery included) (2)
(XBR-65X90xB only)
Passive 3D Glasses (2)
(except XBR-65X90xB)
Camera cover (1)
Operating Instructions (this manual) and other documents
Port Replicator accessories (set)

* Refer to the model name printed on the remote control.

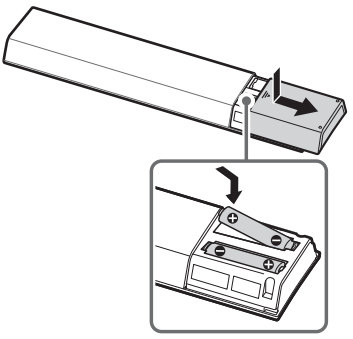
Inserting batteries into the remote control

Touchpad Remote Control



1 Remove the protection sheet.
2 Press the latch and lift the cover to open.

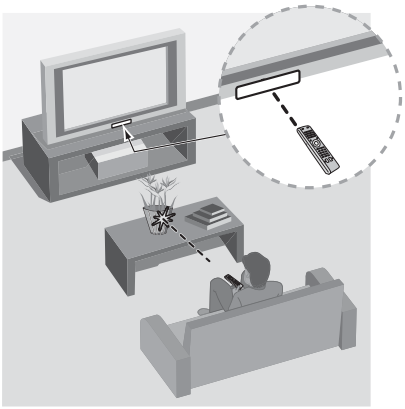
IR Remote Control



1 Remove the protection sheet.
2 Push and slide the cover to open.

■ Guidelines for IR Remote Control

- Point your remote control directly at the IR sensor located on your TV.
- Make sure that no objects are blocking the path between the remote control and the IR sensor on your TV.



- Fluorescent lamps can interfere with your remote control; try turning off the fluorescent lamps.
- If you are having problems with the remote control, reinsert or replace your batteries and make sure that they are correctly inserted.

✍

- The image is merely illustrative, depending on your model, the infrared receiver positioning may be different of the illustration.

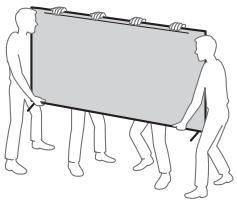
Before setting up your TV

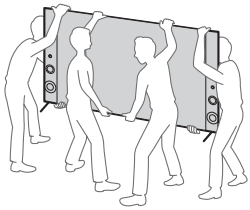
Some TV models are packaged with a detached Table-Top Stand so you can mount your TV to a wall right away. See page 38 (Installing the TV to the Wall) if you want to mount the TV to a wall. If you are not mounting the TV to a wall, you will need to attach the Table-Top Stand. You will need a Phillips screwdriver (not supplied) and the supplied screws to complete the task. Look for the supplied Table-Top Stand instruction leaflet.

Be sure to consider the following while setting up your TV:

- Disconnect all cables when carrying the TV.
- Carry the TV with the adequate number of people; larger size TVs require two or more people (four or more people for XBR-79X90xB).
- To avoid slipping and causing personal injury, do not step on the TV protection bag while unpacking the TV set.
- Correct hand placement while carrying the TV is very important for safety and to avoid damage.

XBR-79X90xB





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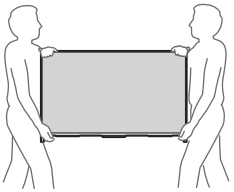
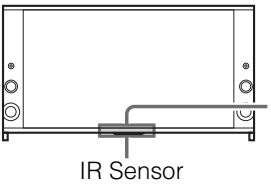
XBR-65X90xB



- Ensure your TV has adequate ventilation, see page 40.
- For best picture quality, do not expose the screen to direct illumination or sunlight.
- Avoid installing the TV in a room with reflective wall and floor materials.
- Avoid moving the TV from a cold area to a warm area. Sudden room temperature changes may cause moisture condensation. This may cause the TV to show poor picture and/or poor color. Should this occur, allow moisture to evaporate completely before powering the TV on.
- Ensure that there are no objects in front of the TV.



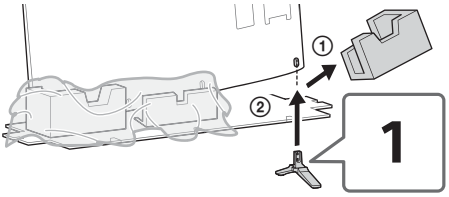
1: Attaching the Table-Top Stand

■ Recommended (edge position) (XBR-65X90xB only)

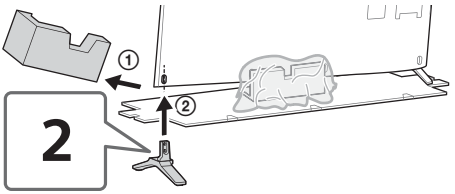
Refer to the supplied Table-Top Stand leaflet for proper attachment.

- Do not put stress on the LCD panel or the frame around the screen.
- Be careful to not pinch your hands or the AC power cord when you install the TV set to the Table-Top Stand.
- Two or more people (four or more people for XBR-79X90xB) are needed to carry out this installation.

1 Remove the cushion of the right side ①, and attach the Table-Top Stand to the TV ②.

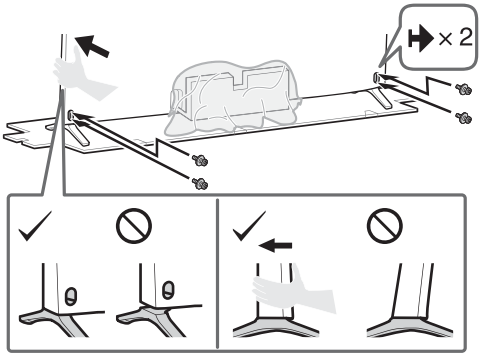


2 Repeat step 1 for the left side.



3 Fix the TV to the Table-Top Stand using the supplied screws.

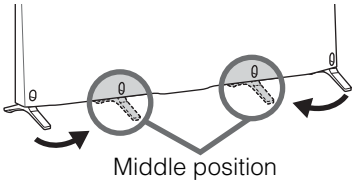
The arrow marks ⬆ indicate the location of the screw holes used for securing the Table-Top Stand.



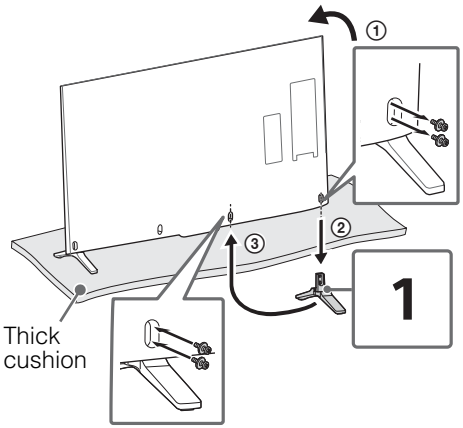
✍
- If using an electric screwdriver, set the torque at approximately 1.5 N·m {15 kgf·cm}.

■ Alternative (middle position)

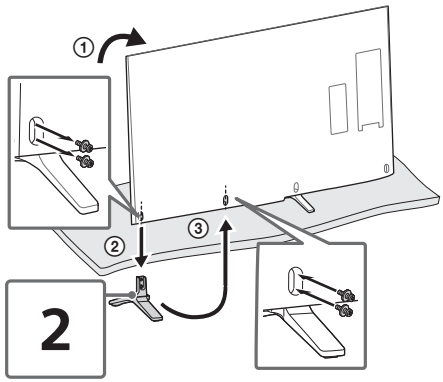
You can change the Table-Top Stand from the edge to the middle position by referring to the instructions below.



1



2



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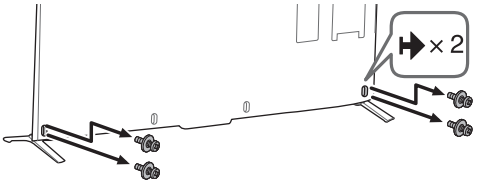
Detaching the Table-Top Stand from the TV

To detach the Table-Top Stand from the TV, remove the screws ⬆.

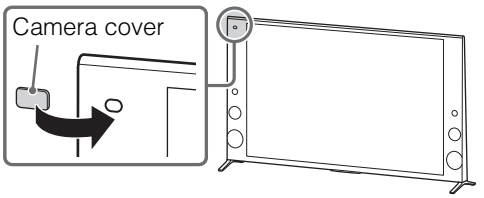


✍

- Do not remove the Table-Top Stand for any reason other than to install corresponding accessories on the TV.
- Be sure the TV is vertical before turning on. To avoid uneven picture uniformity do not power on the TV with the LCD panel facing down.
- When attaching the Table-Top Stand again, be sure to fasten the screws (previously removed) to the original holes on the rear of the TV.

Hiding the camera

If you do not wish to use the camera, hide it as illustrated.



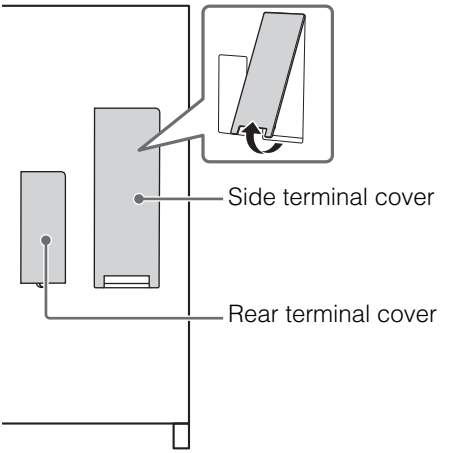
2: Connecting the TV

✍

- Use an antenna cable connector no greater than 14 mm thick.
- When connecting the cable to the cable/ antenna, input finger tighten only, over tightening the connection can damage the TV.
- Before moving the TV, disconnect all of the cables connected to the TV to prevent damaging the TV when it is moved.
- Use an HDMI cable connector within 12 mm (thickness) × 21 mm (width).
- Use Sony HDMI cable with “High Speed” indication for HDMI connection.
- For connection with Port Replicator, refer to the installation guide supplied with the Port Replicator.
- For more information on connections, refer to the i-Manual.

Detaching the side and rear terminal covers

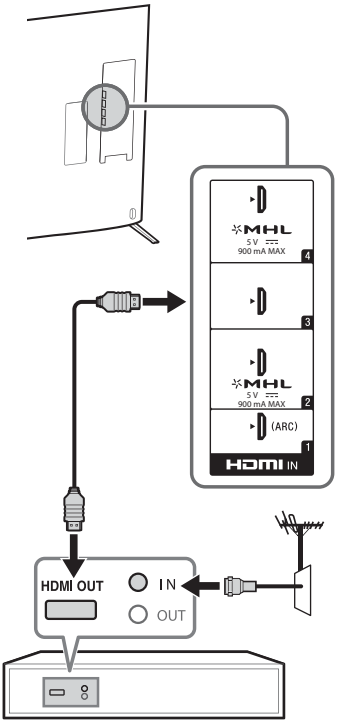
The side and rear terminal covers are factory-attached to the TV.
Before connecting cables, remove the side and rear terminal covers.



✍

- After connecting all cables, re-attach the side terminal cover to the TV. For the rear terminal cover, be sure to store the removed cover in a safe place, keeping it away from children.

■ Shown with a Set Top Box with HDMI connection



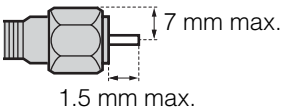
Set Top Box

✍

- Connect 4K devices (4K Media Player, 4K Set Top Box, etc.) to the HDMI IN 2 or HDMI IN 1 jack of the TV to enjoy copyright protected content.

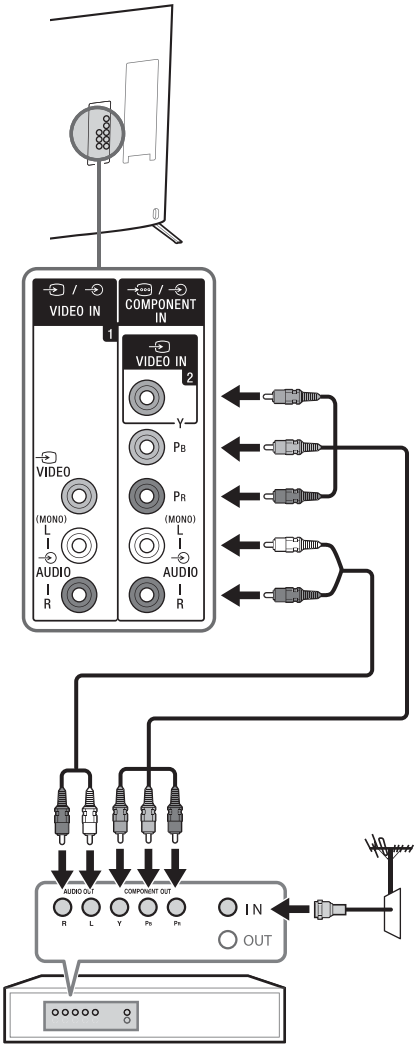
Recommendation for an F type plug

Projection of the inner wire from the connection part must be less than 1.5 mm.



(Reference drawing for an F type plug)

■ Shown with a Set Top Box with COMPONENT connection



Set Top Box

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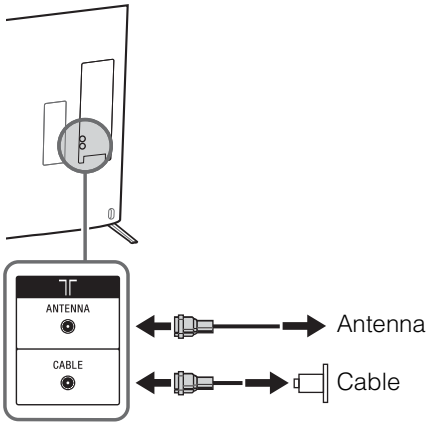
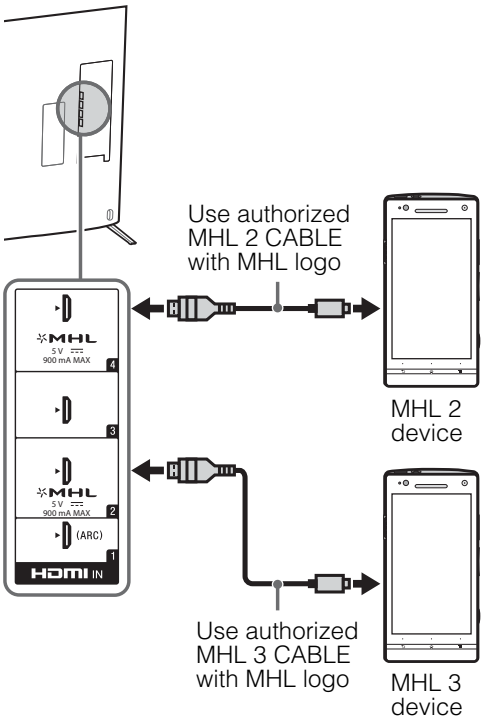
■ Cable System or VHF/UHF Antenna System



■ Shown with MHL device with MHL connection

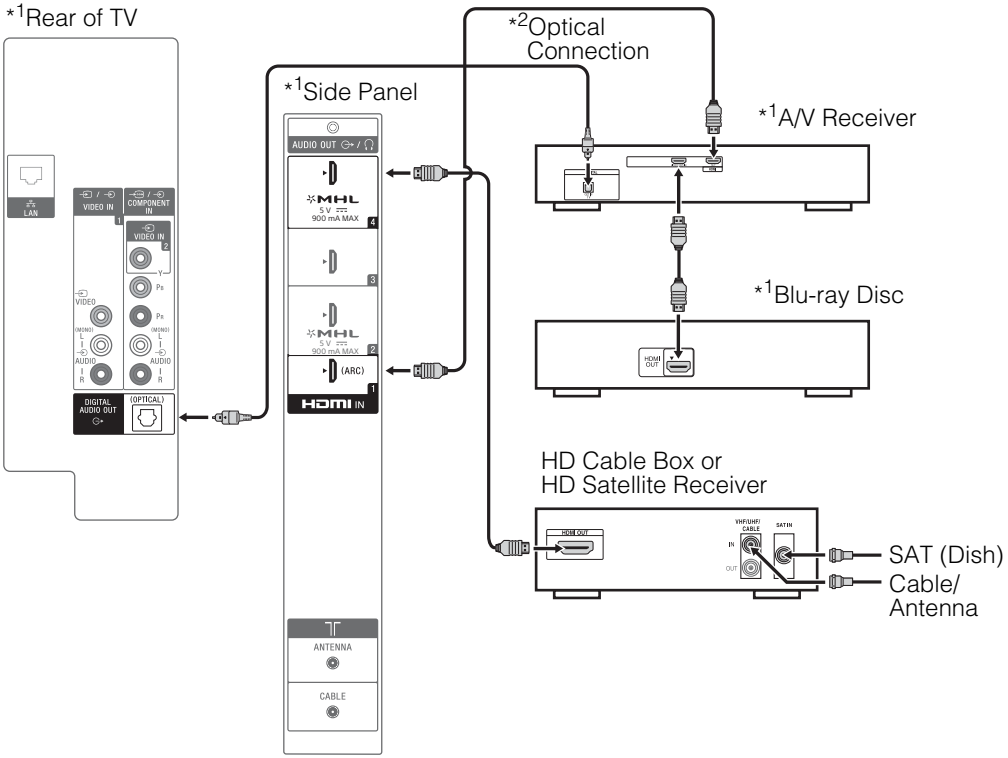


The TV simultaneously charges the MHL-compatible connected device while playing photo/music/video files. You can use the TV remote control to control the connected MHL-compatible device.

✍

- If **Auto Input Change (MHL)** is set to **On**, the TV automatically switches to HDMI IN 2/MHL or HDMI IN 4/MHL from other input when MHL-compatible device is connected to HDMI IN 2/MHL or HDMI IN 4/MHL jack. The availability of **Auto Input Change (MHL)** depends on whether the MHL-compatible device can support this feature.
- If **Charge MHL during Power Off** is set to **On**, you can continue charging the MHL-compatible device even when the TV is in standby mode.
- Connect the 4K smartphone or mobile devices to the HDMI IN 2/MHL jack.
- Use authorized MHL 3 CABLE with MHL logo for 4K smartphone or mobile devices.

■ Shown with HD BRAVIA® Sync™ Basic Connection

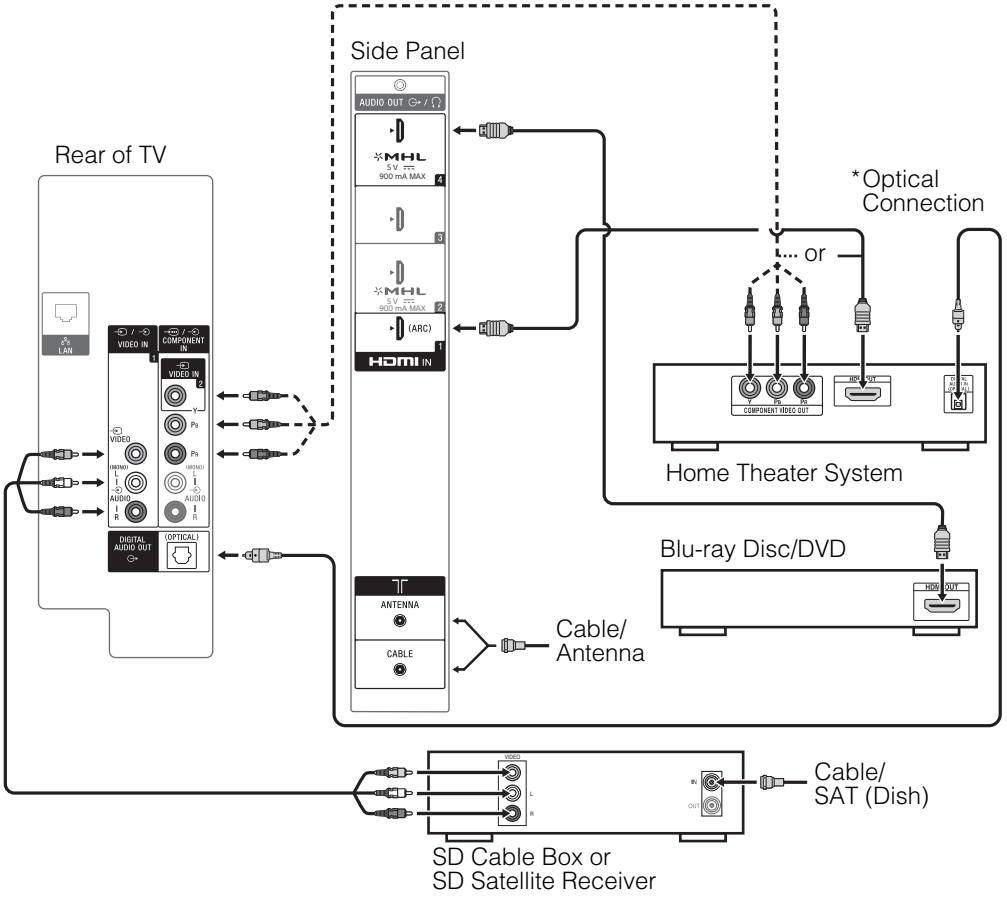


*1 Signifies a BRAVIA Sync capable device.

*2 The optical connection is only needed for A/V receivers that do not support ARC (Audio Return Channel).
Set the speaker settings to audio out, press **HOME**, then select **Settings** → **Sound** → **Speakers** → **Audio System**.
Set the HDMI CEC settings on the TV and AV receiver to allow for system audio control for ARC connections.

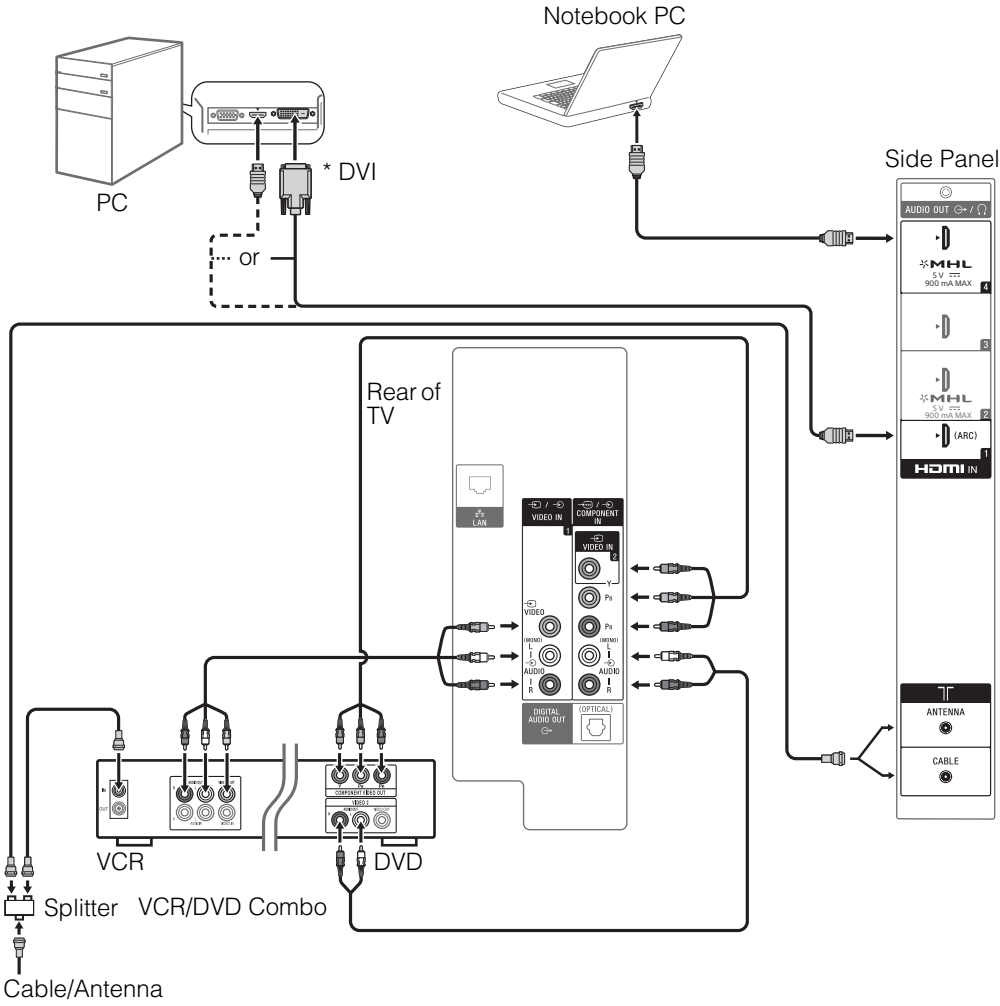
(Continued)

■ Shown with HD Basic Connection with Home Theater System



* The optical connection is only needed for home theater system that do not support ARC (Audio Return Channel) when connecting with HDMI.
Set the speaker settings to audio out, press **HOME**, then select **Settings** → **Sound** → **Speakers** → **Audio System**.
Set the HDMI CEC settings on the TV and AV receiver to allow for system audio control for ARC connections.

■ Shown with PC Connection with SD VCR/DVD



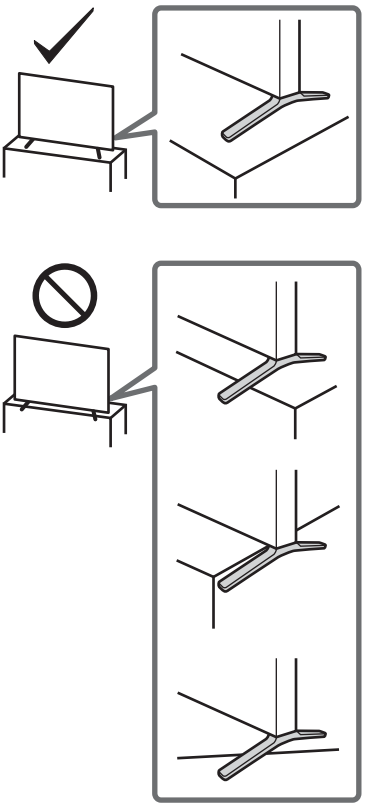
* DVI does not support audio signals. Connect the audio output of the PC to the PC speakers or an A/V receiver to listen to sound from the PC.

3: Securing the TV

Sony strongly recommends taking measures to prevent the TV from toppling over. Unsecured TVs may topple and result in property damage, serious bodily injury or even death.

Preventing the TV from Toppling

- Secure the TV to a wall and/or stand.
- Do not allow children to play or climb on furniture and TV sets.
- Avoid placing or hanging items on the TV.
- Never install the TV on:
  - slippery, unstable and/or uneven surfaces.
  - furniture that can easily be used as steps, such as a chest of drawers.
- Install the TV where it cannot be pulled, pushed, or knocked over.
- Install the TV so that the TV's Table-Top Stand does not protrude out from the Stand (not supplied). If the Table-Top Stand protrudes out from the Stand, it may cause the TV set to topple over and fall down.



- Route all AC power cords and connecting cables so that they are not accessible to curious children.

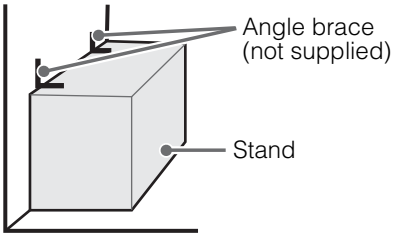
Recommended Measures to Secure the TV

Consider the following measures when securing your TV to a Stand (not supplied).

1 Secure the Stand for the TV.

Make sure the Stand can adequately support the weight of the TV. Use two angle braces (not supplied) to secure the stand. For each angle brace use the appropriate hardware to:

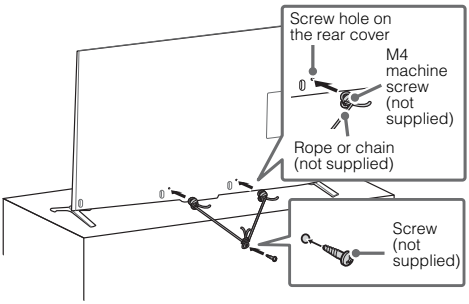
- Attach one side of the angle brace to the wall stud.
- Attach the other side to the Stand.



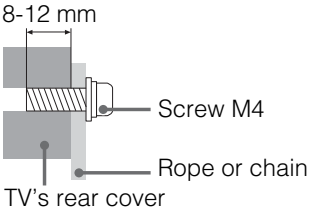
2 Secure the TV to the Stand.

Use the optional hardware listed as follows (not supplied):

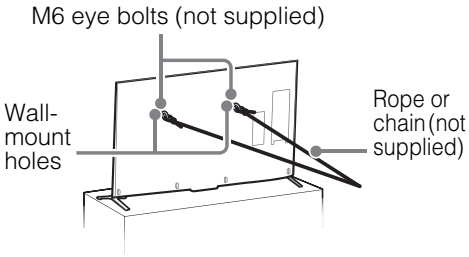
- M4 machine screw (screwed into the TV's rear cover)
- A screw or similar (attach it to the Stand)
- Rope or chain (strong enough to support the weight of the TV). Make sure that there is no excess slack in the rope or chain.

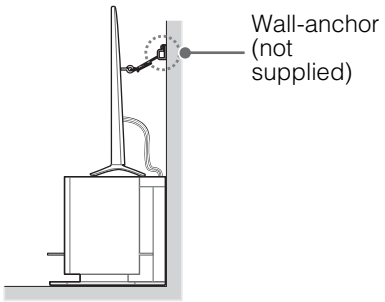


The length of the M4 machine screw differs depending on the rope or chain diameter. Please see below illustration.

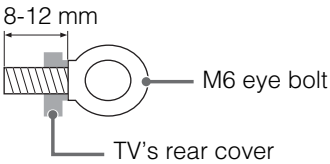


3 Anchor the TV to the wall by using bolts, wall anchor and chain (or rope).





Please see below illustration for M6 eye bolt length.



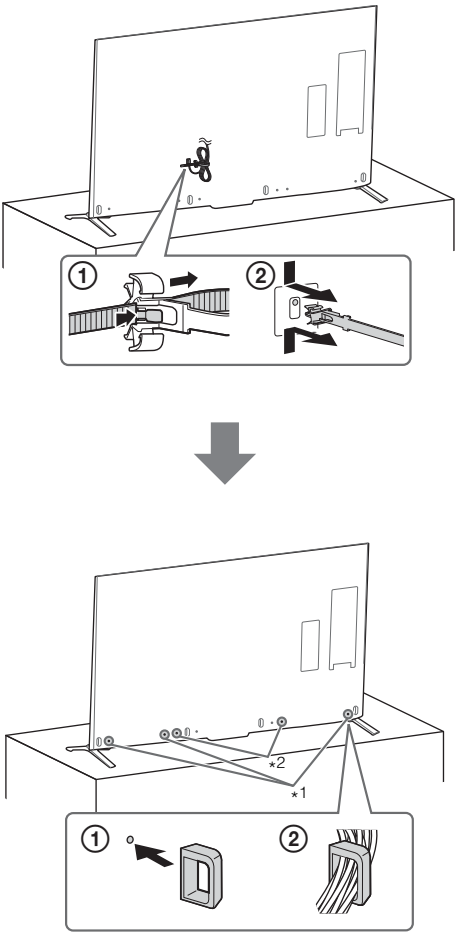
(Continued)

✍
- Your TV is shipped with screws attached to the rear of the TV depending on the TV model. (They are fastened in the screw holes for wall mounting.) Be sure to remove the upper two screws prior to anchoring the TV to a wall.
- Securing the TV to the stand without securing the TV and the stand to the wall provides minimum protection against the TV toppling over. For further protection, be sure to follow the three measures recommended.

4: Bundling the cables

Before bundling the cables, remove the cable holder from the AC cover.

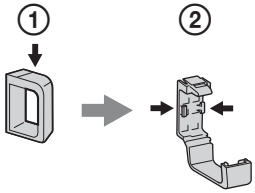
✍
- Do not bundle the AC power cord together with other cables.



*1 Location of cable clamper when the Table-Top Stand is attached to edge position.
*2 Location of cable clamper when the Table-Top Stand is attached to middle position.

✍

- To detach the cable clamper from the TV, press the top of the clamper ①, then pinch ② as illustrated.



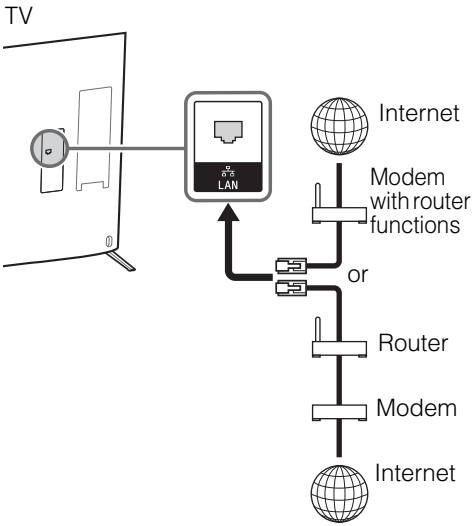
5: Connecting the TV to the Internet

When you connect this TV to the Internet, you can enjoy multiple functions. For details on the functions, refer to the i-Manual.

✍

- You will need to contract with an Internet service provider to connect to the Internet.

Preparing a wired network

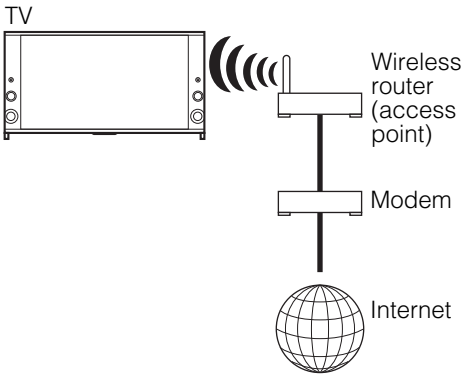


✍

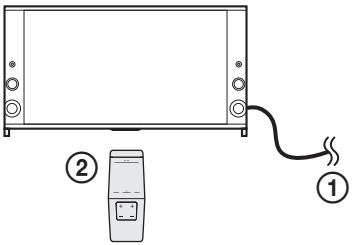
- For LAN connections, use a Category 7 cable (not supplied).

Preparing a Wi-Fi connection

The built-in Wi-Fi device allows you to access the Internet and your home network. With this feature, you can connect to a wireless network and enjoy the benefits of networking in a cable-free environment. Before setting up the Wi-Fi function of the TV, be sure to set up a wireless router (access point).



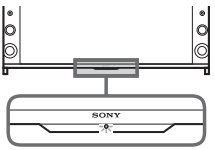
6: Running initial setup



1 Complete your cable connections before proceeding with the **Initial Setup**. Connect the TV to your AC power outlet.

2 Press **POWER** on the Touchpad Remote Control.
The illumination LED will light up in white. When you switch on the TV for the first time, the Language menu appears on the screen.

- The illumination LED lights up in different colors according to the status of the TV. If you do not wish to light up the illumination LED, you can turn it off later.
  XBR-79/65X907B:
  Press **HOME**, then select **Settings** → **Preferences** → **General Setup** → **Illumination LED** → **Off**. You can also press **OPTIONS**, then select **Illumination LED** → **Off**.
  XBR-79/65X905B:
  Press **HOME**, then select **Settings** → **Preferences** → **Front Panel Illumination** → **Illumination LED** → **Off**. You can also press **OPTIONS**, then select **Illumination LED** → **Off**.



3 Slide up/down/left/right to select an item, then press the touchpad (press ↑/↓/←/→, then press ⊕ if using IR Remote Control).

Follow the instructions on the screen.

4 Set up the Internet connection by selecting **Wi-Fi** or **Wired LAN**. If you will not be using the network features of the TV, or to set up later, select **Skip**.

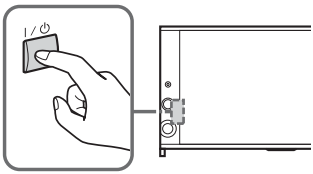
✍
- The TV will automatically detect and setup the network when a wired connection is made before the initial setup.
- For customers who need to setup their network connection with a Static IP address and/or a Proxy server, select **Skip**. After completing the initial setup, press **HOME**, then select **Settings** → **Network** → **Network Setup** → **Set up network connection** → **Expert**.
- If you use WEP security, select **Wi-Fi** → **Connect by scan list**. Then, select the network name (SSID) you want to connect to. If you cannot find the required network name, select **[Manual Entry]** and press the touchpad (press ⊕ if using IR Remote Control) to enter network name.
- To perform **Network Setup** later, press **HOME**, then select **Settings** → **Network** → **Network Setup**.
- The TV will automatically search for a software update after the network is setup and will try to automatically detect your region.

5 Scan for available channels. If you receive channels from a cable box or satellite receiver and do not wish to use the TV's built-in tuner, select **Skip**.

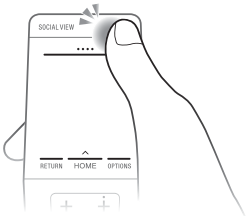
Watching TV

1 Turn on the TV.

Press I/⏻ on the TV or **POWER** on the Touchpad Remote Control to turn on the TV.

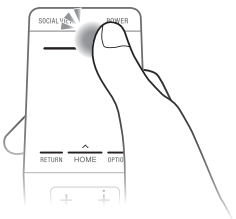


or



2 Press Control Bar (....).

The Screen Key Pad is displayed on the screen.



(Continued)

3 Slide left/right to select a TV channel or input, then press the touchpad.

■ To select digital channels

XBR-79/65X907B

Use **0-9**. For channel numbers 10 and above, select the next digit quickly.

XBR-79/65X905B

Use **0-9** and point (**.**) on the Screen Key Pad.
For example, to enter channel 2.1:
Select **2**, point (**.**) and **1**, press the touchpad for each of them.

When using IR Remote Control

1 Press **I**/⏻ on the TV or **POWER** on the remote control to turn on the TV.

2 Press **CH +/-**, **0-9** or **INPUT** to select a TV channel or input.

XBR-79/65X907B

Use **0-9**. For channel numbers 10 and above, press the next digit quickly.

XBR-79/65X905B

Use **0-9** and point (**.**) to select digital channels.
For example, to enter channel 2.1:
Press **2**, point (**.**) and **1**, then press ⊕.

Using the remote control

You can operate the TV by using the supplied Touchpad Remote Control or IR Remote Control.

Touchpad Remote Control

IR Remote Control

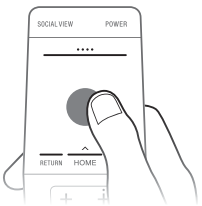
✍

- Touchpad Remote Control can only be used after registration with the TV. You can register the Touchpad Remote Control by pressing **HOME**, then select **Settings** → **Preferences** → **Touchpad Remote Control Setup**.

Displaying the Touchpad Operation Guide

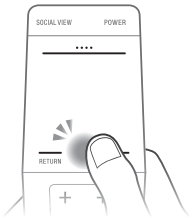
Touchpad Operation Guide allows you to see the main gesture commands that are available for the current TV screen.

1 Touch and keep your finger on the center of the touchpad to display the Touchpad Operation Guide.



Launching the Touchpad Tutorial

1 Press **HOME**.



2 Slide to select **? Help**, then press the touchpad.

3 Slide up/down to select **Touchpad Tutorial**, then press the touchpad. Follow the instructions on the screen.

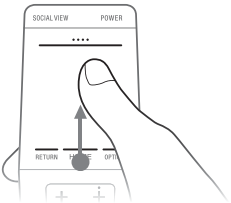
✍

- You can also launch the Touchpad Tutorial by pressing **HOME**, then select **Settings** → **Preferences** → **Touchpad configurations** → **Start Tutorial**.

Discovering the contents you like (Discover)

You can use Discover to search for content (such as TV programs, Internet contents, etc.). Contents that appear in Discover vary depending on your TV model/region/country.

1 Slide up from the bottom area.



2 Slide up/down to select the desired category.

3 Slide left/right to select the desired item, then press the touchpad.

The selected content is displayed.

When using IR Remote Control

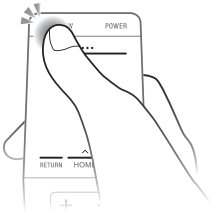
1 Press **DISCOVER**.

2 Press ↑/↓ to select the desired category.

3 Press ←/→ to select the desired item, then press ⊕. The selected content is displayed.

Enjoying social networking while watching TV (Social Viewing)

Social Viewing brings the benefits of social networking to your TV viewing experience. Press **SOCIAL VIEW** to enjoy chatting with friends while watching TV. The available features in Social Viewing may vary depending on your TV model/region/country. You will need a broadband Internet connection. For details, see page 21 (5: Connecting the TV to the Internet). Then, go to **Network Setup** and follow the on-screen instructions to connect your TV to the Internet.



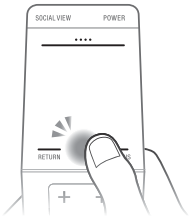
✍

- You may need to update the TV's software to use this function. Press **HOME**, select **? Help** → **Customer Support** → **Software Update**.

Selecting various contents and tools (Home Menu)

Select the desired category at the top of the Home Menu. You can play back content by selecting its thumbnail in a subcategory. You can also use functions (such as setting change) by selecting its icon.

1 Press HOME.



2 Slide left/right to select the desired category.

3 Slide down, then slide left/right to select the desired subcategory.

When the cursor is moved beyond the left/right edge of the subcategory, the next subcategory is displayed (if there is more than one subcategory).

4 Select the thumbnail of the desired content.

The content is played back.

When using IR Remote Control

1 Press **HOME.**

2 Press ←/→ to select the desired category.

3 Press ↓, then press ←/→ to select the desired subcategory. When the cursor is moved beyond the left/right edge of the subcategory, the next subcategory is displayed (if there is more than one subcategory).

4 Select the thumbnail of the desired content. The content is played back.

Selecting various contents

The categories are available depending on your TV model/region/country.

Channel	You can view the list of digital broadcast contents and thumbnails of live and future broadcasts. You can also change the broadcast system by using **Channel List** at the bottom of the Home Menu. ✍ • This category is only available when digital channels are preset.
Movies	You can watch movies from online movie service providers, connected USB devices, or your home network.
Album	You can view photos from online service providers, connected USB devices, or your home network.
Music	You can play back music content from online music service providers, connected USB devices, or your home network.
Apps	You can launch applications. Thumbnails of featured applications (**Featured**) and your favorite applications (**My Apps**) are displayed. To view all applications, select **All Apps** at the bottom of the Home Menu.

Selecting a Tool

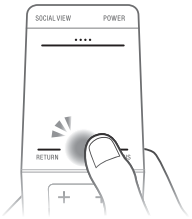
The tools are available depending on your TV model/region/country.

Search	You can input a keyword to search for content. You can also select keywords searched in the past.
Inputs	You can select an input device connected to the TV.
Media Server	You can select a media server (e.g. USB flash drive, home network) to browse its content using the Media Browser.
Settings	You can change TV settings (e.g. Picture & Display, Sound, Channel).
Help	You can view information about self diagnostics and customer support. You can also access the i-Manual.
Network Status	You can view the network connection status.

Looking for instructions in the electronic manual (i-Manual)

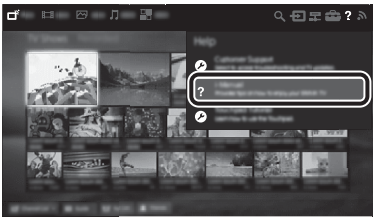
Operating instructions are built into your BRAVIA TV and can be displayed on the screen.
To learn more about your TV features, access your i-Manual with the remote control.

1 Press HOME.



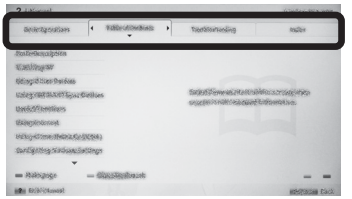
2 Slide to select ? Help, then press the touchpad.

3 Slide up/down to select ? i-Manual, then press the touchpad.



4 Select an item.

❶ Slide left/right to select an item.

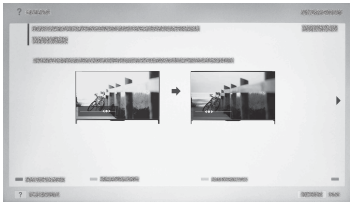


❷ Slide up/down/left/right to select an item, then press the touchpad.

Arrow mark*

* If an arrow mark appears, slide down repeatedly to display more items.

The page of the selected item appears.



- You can step through pages by sliding left/right.
  Press **RETURN** to return to the previous page.

When using IR Remote Control

1 Press **i-MANUAL**.

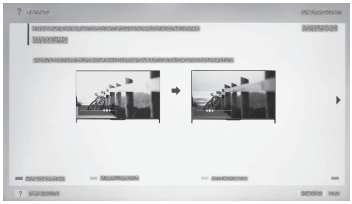
2 Press ↑/↓/←/→ to select an item. To display the page of the selected item, press ⊕. You can step through pages using ←/→.

Saving frequently viewed pages (Bookmark)

You can save frequently viewed pages for easy access anytime.

■ To save a page

When displaying the page to bookmark, press the Control Bar (....). Slide to select the yellow button, then press the touchpad.



■ To access the bookmarked page

When displaying the i-Manual, press the Control Bar (....). Slide to select the green button, then press the touchpad to display the bookmark list. Slide up/down to select the desired item, then press the touchpad.

- To return to the previous screen, press **RETURN**.

■ To remove a bookmark

When the bookmarked page is displayed, press the Control Bar (....). Slide to select the yellow button, then press the touchpad.

When using IR Remote Control

When displaying the page to bookmark, press the yellow button to save the desired page.
When displaying the i-Manual, press the green button to display the bookmark list. Press ↑/↓ to select the desired item, then press ⊕.
When the bookmarked page is displayed, press the yellow button to remove the bookmark.

Troubleshooting

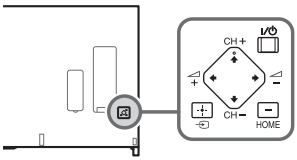
When the illumination LED is flashing red, count how many times it flashes (interval time is three seconds).

If the illumination LED flashes red, reset the TV by disconnecting the AC power cord from the TV for two minutes, then turn on the TV.
If the problem persists, contact Sony Customer Support (information provided on the front cover) with the number of times the illumination LED flashes red (interval time is three seconds). Press I/⏻ on the TV to turn it off, disconnect the AC power cord, and contact Sony Customer Support.

When the illumination LED is not flashing, check the items as follows.

You can also refer to "Troubleshooting" in the i-Manual or perform self-diagnosis by selecting **? Help → Customer Support → Self Diagnostics**. If the problem persists, contact Sony Customer Support (information provided on the front cover).

Condition	Explanation/Solution
There is no picture (screen is dark) and no sound.	• Check the cable/antenna connection. • Connect the TV to AC power, and press I/⏻ on the TV or **POWER** on the remote control.
Some programs cannot be tuned.	• Check the antenna.
The remote control does not function.	• Replace the batteries. • Your TV may be in SYNC mode. Press Control Bar (....) and slide left/right to select **SYNC MENU**, then press the touchpad. Select **TV Control** and then select **Home (Menu)** or **Options** to control the TV. When using IR Remote Control, press **SYNC MENU**, select **TV Control** and then select **Home (Menu)** or **Options** to control the TV.
The **Parental Lock** password has been forgotten.	• For X905B model series, enter 4357 for the PIN code. (PIN code 4357 is always accepted.) • For X907B model series, enter 9999 instead.
The TV and its surroundings become warm.	• When the TV is used for an extended period of time, the TV and its surroundings may become warm to the touch. This is not a malfunction of the TV.

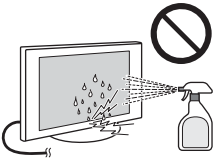
Condition	Explanation/Solution
How to reset the TV to factory settings	• Turn on the TV. While holding down ↑ on the IR remote control, press I/⏻ on the TV. (The TV will turn itself off, then back on again.) Release ↑. WARNING: The reset will clear all of your customized settings including the **Parental Lock** setting. • For security purposes, be sure to remove all personal and account information before discarding, selling or passing your TV to someone else by: unlinking/ unregistering, signing out of and deactivating all network services as well as factory reset the TV.
Frozen audio or video, a blank screen, or the TV does not respond to TV or remote control buttons.	• Perform a simple reset of the TV by unplugging the AC power cord for two minutes, then plug it in again.
The I/⏻, **CH+/–**, **+/–**, ↑/↓/←/→, ⏎, ⊞ and **HOME** buttons cannot be located on the TV.	• See below illustration for location of the buttons on the TV. Rear of TV 

How to care for your BRAVIA TV

Safety is very important. Please read and follow the safety documentation (Safety Booklet) separately provided.

Unplug the TV and other connected equipment from the wall outlet before you begin cleaning your TV.

- Wipe the LCD screen gently with a soft cloth.
- Do not handle the speakers with excessive force during cleaning or maintenance to prevent any damages.
- Stubborn stains may be removed with a cloth slightly moistened with a solution of mild soap and warm water.
- If using a chemically pretreated cloth, please follow the instruction provided on the package.
- Never spray water or detergent directly on the TV set. It may drip to the bottom of the screen or exterior parts and enter the TV set, and may cause damage to the TV set.



- Never use strong solvents such as a thinner, alcohol or benzine for cleaning.
- Do not plug in the TV into the wall outlet until the moisture from cleaning has evaporated.

The TV should also be placed on a stable surface to prevent it from toppling over (see page 18). If you have young children or pets at home, check regularly to ensure the TV is securely fastened.

Specifications

System	
Television system	Analog: NTSC 3.58 (for X907B model series) NTSC 3.58 / PAL-M / PAL-N (for X905B model series) Digital: DVB-T2/T (for X907B model series) SBTVD (for X905B model series)
Channel coverage	VHF: 2-13, UHF: 14-69 CATV (Analog): 1-135
Panel system	LCD (Liquid Crystal Display) Panel, LED Backlight
Speaker output	12.5 W + 12.5 W + 20 W + 20 W
Wireless technology	Protocol IEEE802.11a/b/g/n
Input/Output jacks	
CABLE/ANTENNA	75-ohm external terminal for RF inputs
VIDEO IN 1	Video / Audio input (phono jacks)
COMPONENT IN VIDEO IN 2	Y_PB_PR (Component Video): 1080p (60 Hz), 1080i (60 Hz), 720p (60 Hz), 480p, 480i (for X907B model series) 1080p (50, 60 Hz), 1080i (50, 60 Hz), 720p (50, 60 Hz), 576p, 576i, 480p, 480i (for X905B model series) Audio input (phono jacks) Video input (common phono pin with Y input)
HDMI IN 1/2/3/4 (for X907B model series) (Support 4K resolution)	Video (2D): 4096 × 2160p (60 Hz)*, 4096 × 2160p (24 Hz), 3840 × 2160p (60 Hz)*, 3840 × 2160p (24, 25, 30 Hz),1080p (30, 60 Hz), 1080/24p, 1080i (60 Hz), 720p (30, 60 Hz), 720/24p, 480p, 480i, PC Formats * YC_bC_r 4:2:0 / 8 bit Video (3D): Frame Packing 1080p (30 Hz), 1080/24p, 1080i (60 Hz), 720p (30, 60 Hz), 720/24p Side-by-Side 1080p (60 Hz), 1080/24p, 1080i (60 Hz), 720p (60 Hz) Over-Under 1080p (30, 60 Hz), 1080/24p, 1080i (60 Hz), 720p (60 Hz) Audio: 5.1 channel linear PCM: 32, 44.1 and 48 kHz, 16, 20 and 24 bits, Dolby Digital ARC (Audio Return Channel) (HDMI IN 1 only)
HDMI IN 1/2/3/4 (for X905B model series) (Support 4K resolution)	Video (2D): 4096 × 2160p (50, 60 Hz)*, 4096 × 2160p (24 Hz), 3840 × 2160p (50, 60 Hz)*, 3840 × 2160p (24, 25, 30 Hz),1080p (30, 50, 60 Hz), 1080/24p, 1080i (50, 60 Hz), 720p (30, 50, 60 Hz), 720/24p, 576p, 576i, 480p, 480i, PC Formats *YC_bC_r 4:2:0 / 8 bit Video (3D): Frame Packing 1080p (30 Hz), 1080/24p, 1080i (50, 60 Hz), 720p (30, 50, 60 Hz), 720/24p Side-by-Side 1080p (50, 60 Hz), 1080/24p, 1080i (50, 60 Hz), 720p (50, 60 Hz) Over-Under 1080p (30, 50, 60 Hz), 1080/24p, 1080i (50, 60 Hz), 720p (50, 60 Hz) Audio: 5.1 channel linear PCM: 32, 44.1 and 48 kHz, 16, 20 and 24 bits, Dolby Digital ARC (Audio Return Channel) (HDMI IN 1 only)
MHL (common with HDMI IN 2/4) (for X907B model series)	Video (2D): 4096 × 2160p (24 Hz)*, 3840 × 2160p (24, 25, 30 Hz)*, 1080p (60 Hz)*, 1080p (30 Hz), 1080/24p, 1080i (60 Hz), 720p (30, 60 Hz), 720/24p, 480p, 480i * HDMI IN 2 only Video (3D): Frame Packing*1080p (30 Hz), 1080/24p, 1080i (60 Hz), 720p (30, 60 Hz), 720/24p Side-by-Side 1080p (60 Hz)*, 1080/24p, 1080i (60 Hz), 720p (60 Hz) Over-Under 1080p (60 Hz)*, 1080p (30 Hz), 1080/24p, 1080i (60 Hz), 720p (60 Hz) * HDMI IN 2 only Audio: 5.1 channel linear PCM: 32, 44.1 and 48 kHz, 16, 20 and 24 bits, Dolby Digital

(Continued)

MHL (common with HDMI IN 2/4) (for X905B model series)	Video (2D): 4096 × 2160p (24 Hz)*, 3840 × 2160p (24, 25, 30 Hz)*, 1080p (50, 60 Hz)*, 1080p (30 Hz), 1080/24p, 1080i (50, 60 Hz), 720p (30, 50, 60 Hz), 720/24p, 576p, 576i, 480p, 480i * HDMI IN 2 only Video (3D): Frame Packing*1080p (30 Hz), 1080/24p, 1080i (50, 60 Hz), 720p (30, 50, 60 Hz), 720/24p Side-by-Side 1080p (50, 60 Hz)*, 1080/24p, 1080i (50, 60 Hz), 720p (50, 60 Hz) Over-Under 1080p (50, 60 Hz)*, 1080p (30 Hz), 1080/24p, 1080i (50, 60 Hz), 720p (50, 60 Hz) * HDMI IN 2 only Audio: 5.1 channel linear PCM: 32, 44.1 and 48 kHz, 16, 20 and 24 bits, Dolby Digital
⟳ AUDIO OUT/🎧	Audio output (stereo mini jack) Headphone jack (supports Subwoofer out)
⟳ DIGITAL AUDIO OUT (OPTICAL)	Digital optical jack (Two channel linear PCM, Dolby Digital)
品 LAN	10BASE-T/100BASE-TX connector (Connection speed may differ depending on the network environment. 10BASE-T/100BASE-TX communication rate and communication quality are not guaranteed for this TV.)
ψ1, ψ2, ψ3	USB port (Refer to the i-Manual for supported formats.)
DLNA	Refer to the i-Manual for supported formats.
Others	
Supplied accessories	See page 8 (Checking the accessories).
Optional accessories	Wireless Subwoofer: SWF-BR100 MHL Cable: DLC-MC10/DLC-MC20/DLC-MC30 Active 3D Glasses: TDG-BT500A (XBR-65X90xB only) Passive 3D Glasses: TDG-500P (except XBR-65X90xB) SimulView™ Passive Glasses: TDG-SV5P (except XBR-65X90xB)
Operating temperature	0 °C – 40 °C

Model name XBR-		79X90xB	65X90xB
Power and others			
Power requirement		110 V - 240 V AC, 50/60 Hz	
Power consumption	in use	408 W	314 W
	in standby	0.3 W	
Screen size* (measured diagonally)	(cm)	199.6	163.9
	(inches)	78.6 (79 class)	64.5 (65 class)
Display resolution		3,840 dots (horizontal) × 2,160 lines (vertical)	
Output Rating			
	USB 1/3	5 V, 500 mA MAX	
	USB 2	5 V, 800 mA MAX	
	MHL (HDMI IN 2/4)	5 V, 900 mA MAX	
Dimensions*	with stand (mm)	2,031 × 1,109 × 442	1,716 × 916 × 320
	without stand (mm)	2,029 × 1,054 × 111	1,715 × 878 × 99
	wall-mount hole pattern (mm)	400 × 300	
	wall-mount screw size (mm)	M6 (length: see diagram on page 38.)	
Stand width*	TV with Table-Top Stand (edge position) (mm)	2,031	1,716
	TV with Table-Top Stand (middle position) (mm)	573	573
Mass*	with stand (kg)	60.9	46.6
	without stand (kg)	59.7	45.9

* Screen size, dimensions, stand width and mass are approximate values.

- Optional accessories availability depends on countries/region/TV model/stock.
- Design and specifications are subject to change without notice.
- Power consumption will increase when Port Replicator is connected to the TV.
- This TV set incorporates MHL 2 for HDMI IN 4/MHL and MHL 3 for HDMI IN 2/MHL.

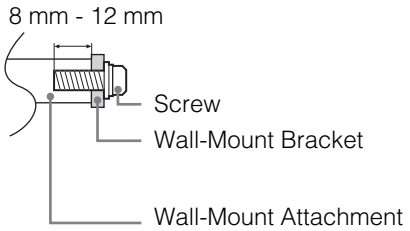
Installing the TV to the Wall

This TV's instruction manual only shows the steps on preparing the installation of the TV before installing to the wall.

Your TV can be mounted on a wall using a Wall-Mount Bracket (not supplied) out of the box as packaged. If the Table-Top Stand is attached to the TV, the TV may require detaching the Table-Top Stand; see page 12 (Detaching the Table-Top Stand from the TV).
Prepare the TV for the Wall-Mount Bracket before making cable connections.

For product protection and safety reasons, Sony strongly recommends that installation of your TV on the wall be performed by qualified professionals. Do not attempt to install it yourself.

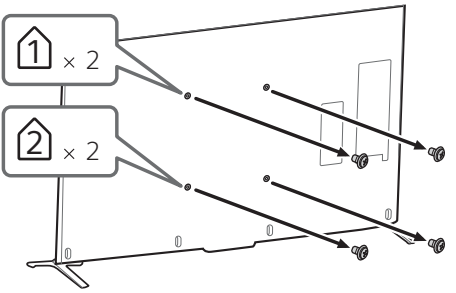
- Follow the instruction guide provided with the Wall-Mount Bracket for your model. Sufficient expertise is required in installing this TV, especially to determine the strength of the wall for withstanding the TV's weight.
- The length of the screw for Wall-Mount Bracket differs depending on the Wall-Mount Bracket thickness. Please see below illustration.



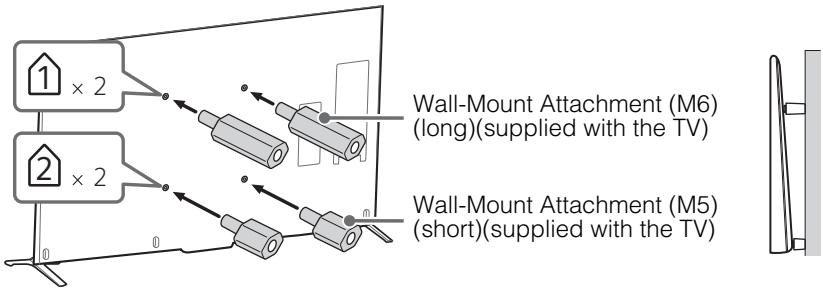
- Be sure to store the unused screws and Table-Top Stand in a safe place until you are ready to attach the Table-Top Stand. Keep the screws away from small children.

✍
- Read the supplied Safety Booklet for additional safety information.

1 Remove the screws from the rear of the TV.



2 Before installing the Wall-Mount Bracket, attach the Wall-Mount Attachment (supplied with the TV) to the rear of the TV (to make it parallel with the wall).

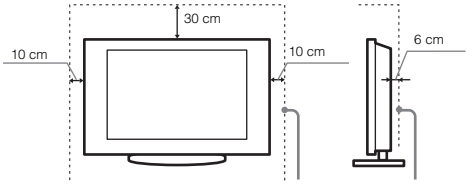


- Be sure to fasten the Wall-Mount Attachment when attaching them to the TV.
- If using an electric screwdriver, set the torque at approximately 1.5 N·m {15 kgf·cm}.

Installing the TV against a wall or enclosed area

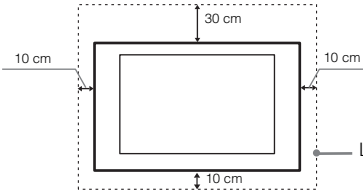
Make sure that your TV has adequate ventilation. Allow enough space around the TV as shown in the illustration.

Installed with stand



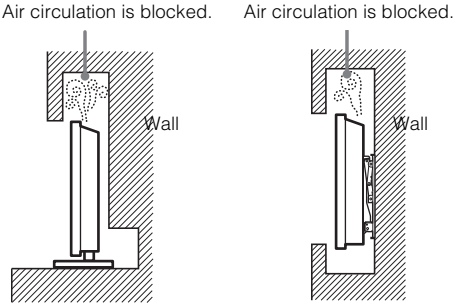
Leave at least this much space around the set.

Installed on the wall



Leave at least this much space around the set.

Never install the TV set as follows:



- Inadequate ventilation can lead to overheating of the TV and may cause damage to your TV or cause a fire.

For Your Convenience	
Online Registration:	Be sure to register your TV. http://esupport.sony.com/LA/perl/registration.pl
Software Updates:	Your TV is capable of receiving software updates. For the latest information about software updates for your TV, visit: http://esupport.sony.com/LA/

http://www.sony.net/

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